MANOGNA PALLAPOTHU

+1-(857)777-6288 ⋄ manognapalla@gmail.com ⋄ www.linkedin.com/in/manogna-pallapothu

EDUCATION

Master's in Information Systems, Northeastern University, Boston, USA.   Sep 2022 - 2024
Related Coursework: Web Design and User Experience Engineering, Application Engineering Development.

Bachelor of Engineering (Information Technology), University of Mumbai, India.   Aug 2017 - 2021
Fr. C. Rodigues Institute Of Technology, Mumbai.
Related Coursework: Web Programming, Database Management, Android Development, Data Structures and Analysis.

WORK EXPERIENCE

- **LTI- Larsen and Toubro Infotech**, Mumbai, India, *Software Engineer (SE)*.   June 2021 - June 2022
  Worked as a SQL developer and ETL tester in the Business and Finance Sector(BFS).
  Dealt with enhancements of reports, forms and interfaces.
  Supported the Delivery Unit in ETL, Data Analysis.
  Overlooked data-management and processing jobs using Ab Initio.
  Assisted in project management activities using Jira, and MSOffice, GSuite.

TECHNICAL SKILLS

Software Tools	Android Studio, VSCode, Eclipse, Oracle SQL developer, Photoshop, MS Office(Excel), VideoPad
Languages and Databases	HTML5, CSS, C, JAVA, Python, JavaScript, SQL, MongoDB

ACADEMIC PROJECTS

Mental Health Analysis using Handwriting.

- Developed a web-application in order to automate the concepts of graphology and to predict the mental health of a person.

- Used four support vector machines and was able to acheieve an average accuracy of 98.58

- Python, OpenCV and Machine Learning algorithms–Minmax algorithm, KBinsDiscretizer were used for scaling, normalization and discretization of various features.

E-Commerce Website for Fine Jewelry (Ongoing)

- Developing an e-commerce website that primarily sells fine jewelry. The website includes a variety of features like sign-in, sign-up, cart values, promo codes, and deals.

- Implemented using React-Boostrap, JavaScript(for front-end operations), and MongoDB(to save user data and inventory data), integrated PayPal to react application.

College Canteen Management.

- Developed a website to make the college canteen fully online and equipped with multiple-user logins.

- Implemented using HTML and PHP (for database connection with MySQL server) and the website was made secure from attacks like SQL injection.

PUBLICATIONS AND CERTIFICATIONS

- **Publication in the International Journal Of Creative Research and Thoughts**(IJCRT):
  "Mental Health Analysis Using Handwriting".
  Paper discusses the development of a M.L model, using python and image processing on IAM data-set, with 98.58 percent accuracy to predict the mental health of a person using their handwriting.
  (www.ijcrt.org/papers/IJCRT2105042.pdf)

- **Oracle Certified Professional-Java S.E-11**(OCP-1Z0-819):
  Earned the Oracle Certified Professional badge for Java S.E-11, in October-2021.

EXTRA CURRICULAR ACTIVITIES

- Head of Finance–Student Council, was given the responsibility of organizing and handling finances for the technical and cultural fests–FACES and ETAMAX at the undergraduate level. Worked with and supervised a team of ten students, made impactful decisions, and achieved set goals.

- Led the college Throwball team and dodge ball team as the captain for 2 consecutive years and won 1st and 2nd prizes respectively.

- Reached the top 10 of an inter-collegiate Debate competition with 100 teams participating.

PERSONAL INFORMATION

- Strengths Include– leadership, can work with diverse group of individuals, self motivated, ability to work under pressure.

- Strong communication and interpersonal skills.